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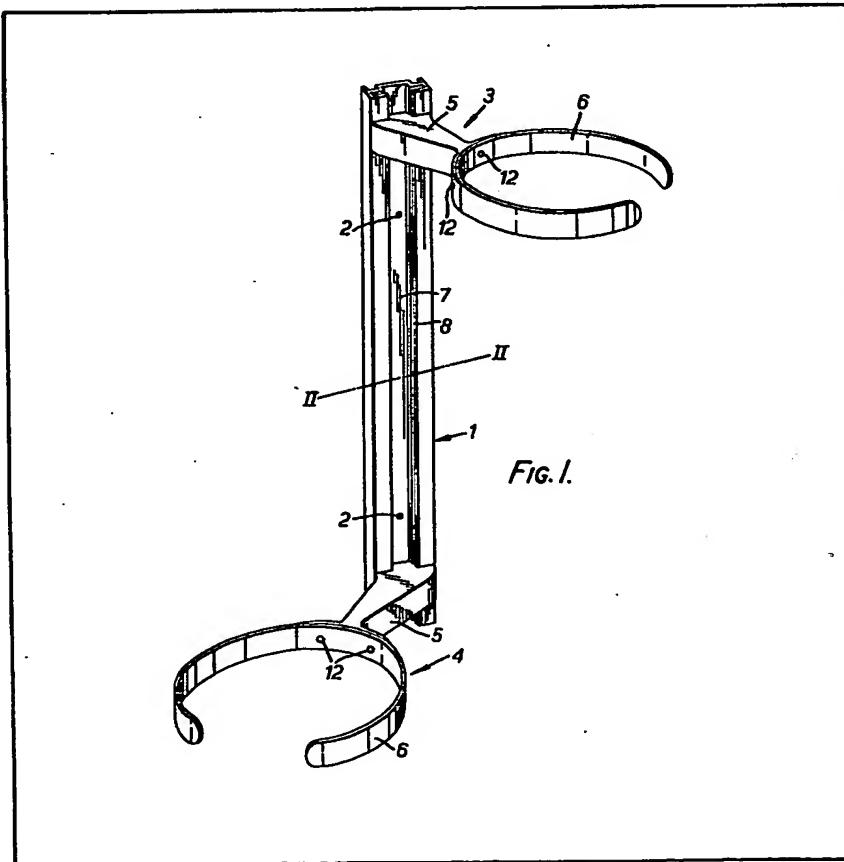
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(54) Display units

(57) A display unit comprises an elongated extrusion with a longitudinal channel (7) and an open slot (8) running lengthwise therealong, and cantilever brackets (3 and 4) each comprising an assembly of a cantilever arm (5) and an article-supporting portion (6), the cantilever arms (5) engaging in the channel (7) in such manner as to be freely slidable for height adjustment while each bracket (3 or 4) is in use self-retaining in an adjusted height position under the weight loading of an article displayed. The brackets may be cranked.



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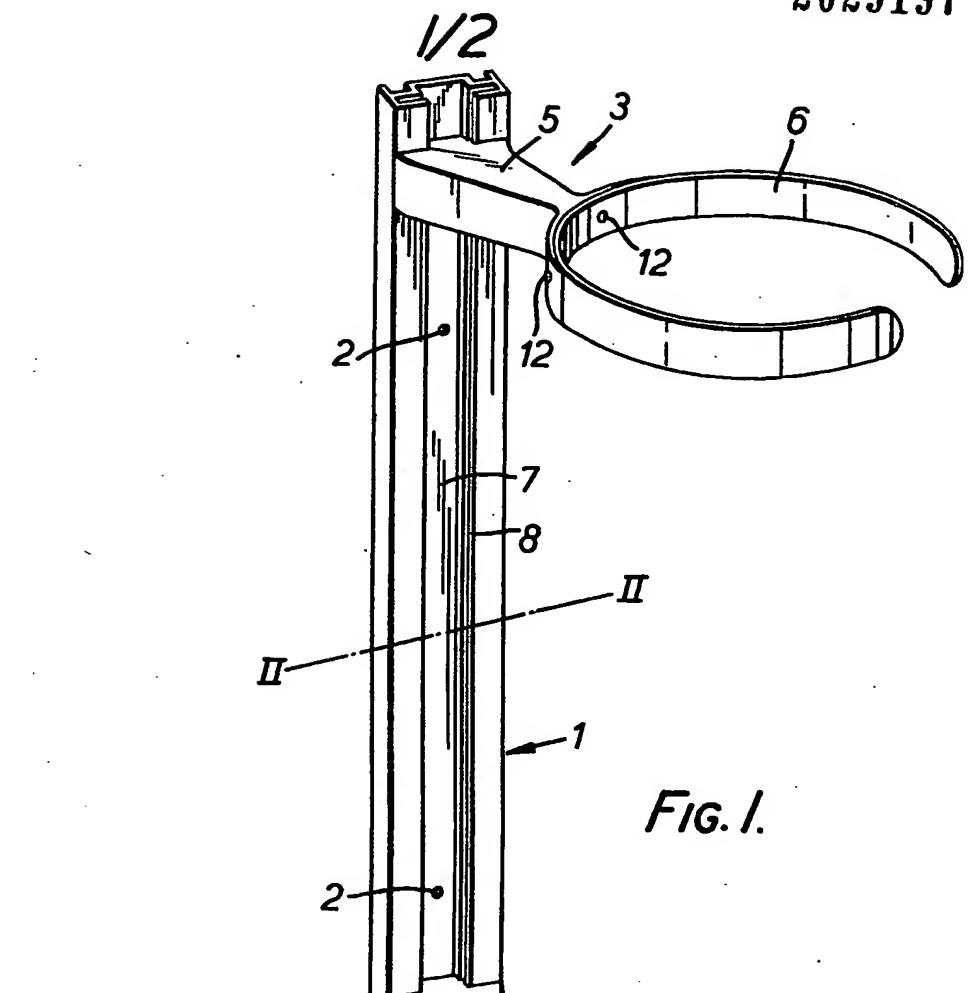


FIG. I.

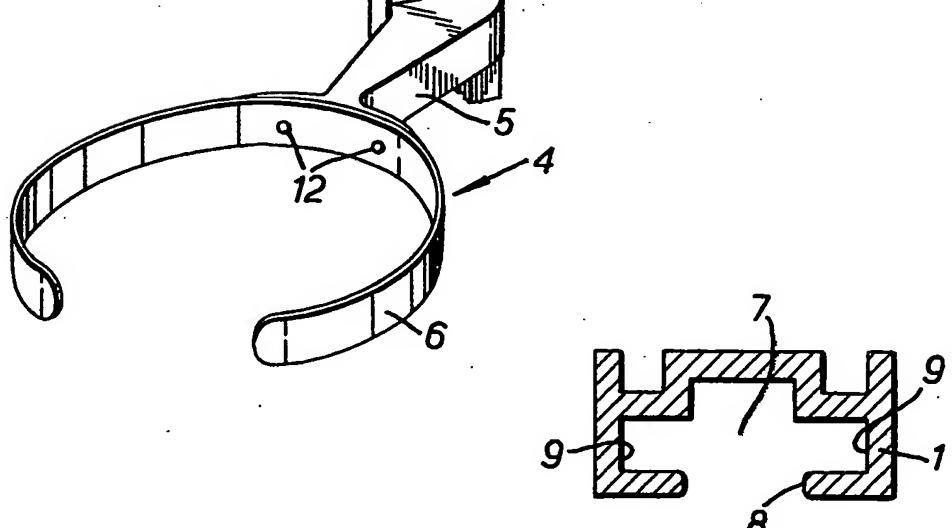


FIG. 2.

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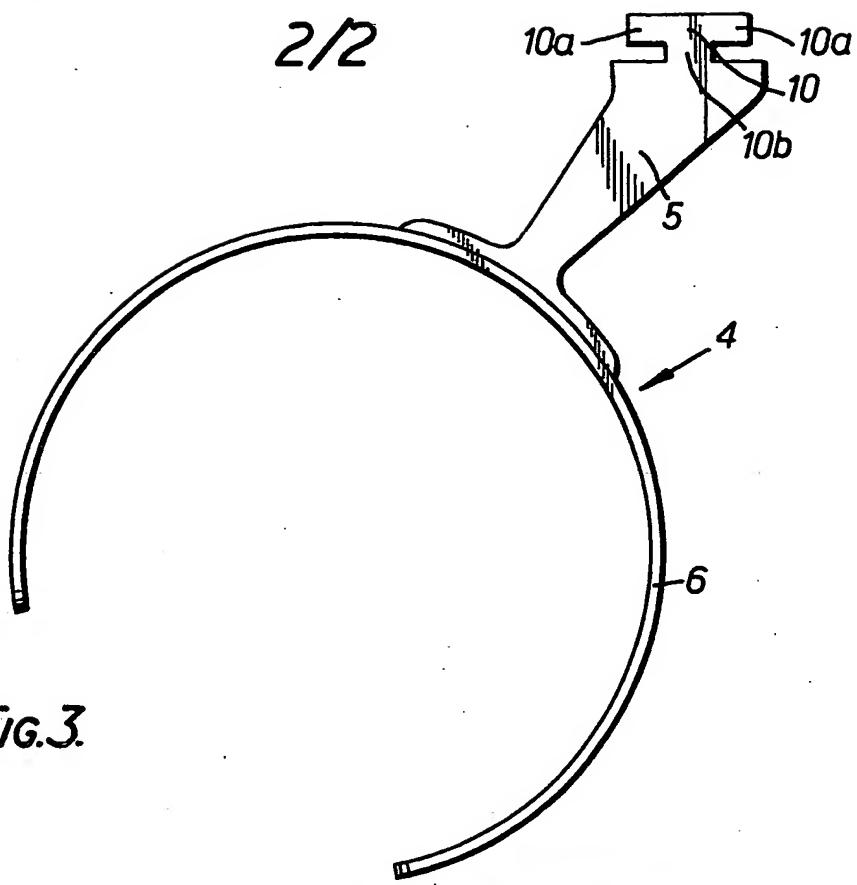


FIG. 3.

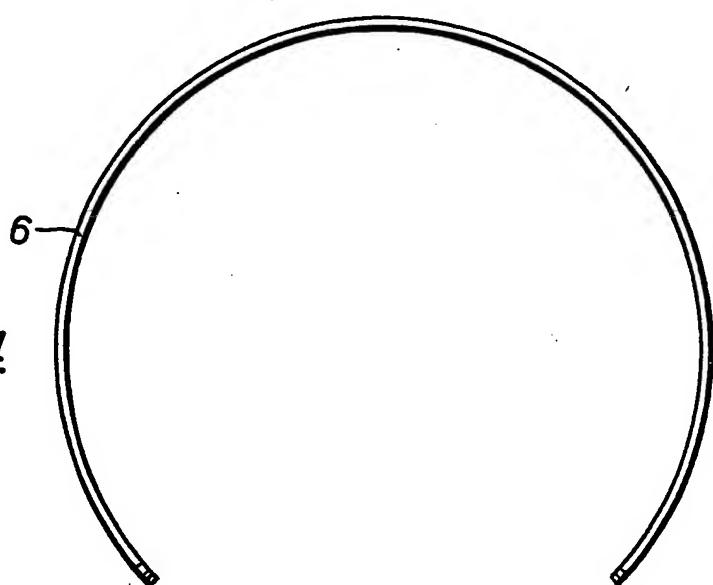


FIG. 4.

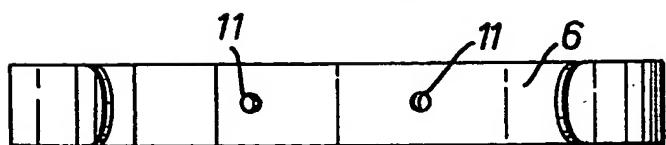


FIG. 5.

SPECIFICATION

Display unit

5 This invention relates to wall-mountable display units and is of particular, but not exclusive, application to units for the adjustable-height display of pot plants in the home.

According to the invention a display unit comprises an elongated mounting member for fixing to a wall in an upright position, this member having a longitudinal channel of re-entrant cross-section with a mouth presenting a slot running lengthwise along the member, and at least one cantilever bracket adapted to support an article to be displayed and engageable in the channel so as to be freely slidable therealong for height adjustment, the interengagement and formation of the member and bracket being such that the bracket is in use self-retaining in an adjusted position under the weight loading of the bracket by the article displayed.

Preferably the mounting member is a length of extruded section with the channel of symmetrical cross-section about the centre-line of the slot which runs centrally along the front face of the mounting member. The channel is preferably formed for sliding engagement by a T-shaped end section of the bracket, and the bracket may be cranked to one side for reversal according to whether display of the article to the left or the right of the mounting member is desired. A plurality of such brackets, cranked and reversible, may be separately engageable with and adjustable in height along the mounting member.

The or each bracket may comprise an assembly of an extruded section arm engageable with the mounting member, and a part-circular article-supporting portion in which a plant pot can be placed for display. All the parts may be of aluminium alloy and have an anodised or other decorative finish.

40 An embodiment of the invention, in the form of a wall-mountable display unit for two plant pots, is illustrated in the accompanying drawings:

Figure 1 is a perspective view of the unit;

Figure 2 is a cross-sectional detail view on the line II-II in Figure 1;

Figure 3 is a plan view of a bracket assembly of the unit; and

Figures 4 and 5 are detail views of a portion of the bracket assembly.

50 The unit illustrated comprises a mounting member 1 in the form of an elongated channel-section extrusion with screw-fixing holes 2 for fixing to a wall in the upright vertical position illustrated. Two identical cantilever brackets 3 and 4 comprise assemblies of a cantilever arm 5 and a plant pot supporting portion 6.

Figure 2 shows the cross-sectional shape of the member 1. The channel 7 is of symmetrical shape about the mouth of the channel which presents an open slot 8 running centrally along the front face of the member 1 longitudinally thereof. The channel 7 has re-entrant portion 9 on each side of the slot 8,

and the cantilever arm portion 5 of the brackets has a T-section inner end section 10. This section 10 has side limbs 10a which respectively slidably engage the channel portions 9, and a central limb 10b which is a sliding fit along the slot 8.

At the other outer end each arm 5 has an arcuate end face providing a seating for a bent-circumferential circular strip providing the bracket portion 6. The strip 6 has rivet holes 11 utilised to attach the portion 6 to the arm portion 5 by means of rivets 12.

The member 1, both portions 5 and 6 of the bracket assemblies 3 and 4, and the rivets 12 are all of 75 aluminium alloy with a decorated anodised finish. The member 1 and portions 5 are lengths of extruded section, and the portions 5 are cranked so that a plant pot is displayed to one side of the member 1. Each bracket is reversible so that it can 80 display a plant pot either to the right or the left as desired, as shown respectively by top bracket 3 and bottom bracket 4.

The member 1 can be cut any desired length, and any desired number of brackets 3 or 4 can be used. 85 The bracket arm portions 5 can be of any desired cantilever length, and a mixture of brackets of different projecting length may be used with the same mounting number 1. In a typical embodiment the bracket portions 6 are bent from 12.7 mm wide strip 90 with rolled edges, spanning an included angle of 270° with a radius of 50.8 mm.

In use the brackets 3 and 4 can freely be slid along the channel 7 in the member 1 to height-adjusted positions. When rebased they are automatically 95 retained against slipping under gravity by the weight loading of the brackets by the displayed pot plants. The interengagement and formation of the parts is such that the reaction moment produced by the cantilever loading provides the requisite friction for the 100 self-retaining action to be achieved.

CLAIMS

1. A display unit comprising an elongated mounting member for fixing to a wall in an upright position, this member having a longitudinal channel 105 of re-entrant cross-section with a mouth presenting a slot running lengthwise along the member, and at least one cantilever bracket adapted to support an article to be displayed and engageable in the channel so as to be freely slidable therealong for height 110 adjustment, the interengagement and formation of the member and bracket being such that the bracket is in use self-retaining in an adjusted position under the weight loading of the bracket by the article displayed.

115 2. A display unit according to claim 1, wherein the mounting member is a length of extruded section.

3. A display unit according to claim 1 or 2, wherein the longitudinal channel is of symmetrical 120 cross-section about the centre-line of the slot which runs centrally along the front face of the mounting member.

4. A display unit according to any one of the preceding claims, wherein the channel is formed for

sliding engagement by a T-shaped end section of the bracket.

5. A display unit according to any one of the preceding claims, wherein the bracket is cranked to one side and is reversible for alternative display of the article to the left or the right of the mounting member as desired.

6. A display unit according to claim 5, wherein said bracket is one of a plurality of such brackets, 10 cranked and reversible, which are separately engageable with and adjustable in height along the mounting member.

7. A display unit according to any one of the preceding claims, wherein the or each bracket comprises 15 an assembly of an extruded section cantilever arm engageable with the mounting member, and an article-supporting portion in which a plant pot can be placed for display.

8. A display unit according to claim 7, wherein 20 the article-supporting portion is a length of metal strip bent round to a part-circular shape and riveted or otherwise attached to the cantilever arm.

9. A display unit according to any one of the preceding claims, wherein all, or substantially all, the 25 parts of the unit are of aluminium alloy with an anodised or other decorative finish.

10. A display unit constructed and arranged substantially as herein particularly described with reference to the accompanying drawings.

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